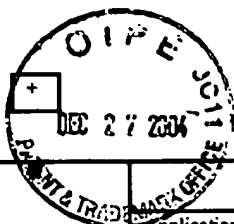


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PTO/SB-08A (08-00)

Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/774,819	
			Filing Date	02/09/2004	
			First Named Inventor	Ronald N. Drake	
			Group Art Unit	1743	
			Examiner Name	[Not Yet Assigned]	
Sheet	1	of	3	Attorney Docket Number	DRAK-001/00US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
MS		USRE31687		Himsley, A.	09/25/1984
MS		1,604,649		Manning, F.W.	10/26/1926
MS		1,608,661		Nordell, C.H.	11/30/1926
MS		1,707,302		Godsey, H.M.	04/02/1929
MS		1,740,199		Nordell, C.H.	12/17/1929
MS		2,222,828		Guthrie, R.G.	11/26/1940
MS		2,273,557		Bonotto, M.	02/17/1942
MS		2,556,480		Miller, E.B.	06/12/1951
MS		2,585,491		Olsen, J.L.	02/12/1952
MS		2,585,492		Olsen, J.L.	02/12/1952
MS		2,614,133		Ockert, C.E.	10/14/1952
MS		2,631,727		Cichelli, M.T.	03/17/1953
MS		2,666,500		Cahn, R.P. et al.	01/19/1954
MS		2,671,714		McIlhenny, W.F. et al.	03/09/1954
MS		2,673,176		Whitney, W.B.	03/23/1954
MS		2,679,539		McKay, D.L.	05/25/1954
MS		2,696,304		Gilmore, F.E.	12/07/1954
MS		2,696,305		Slover, J.W.	12/07/1954
MS		2,731,149		Findlay, R.A.	01/17/1956
MS		2,744,840		Daniels, R.M. et al.	05/08/1956
MS		2,767,140		Fitch, E.B.	10/16/1956
MS		2,773,028		Monet, G.P.	12/04/1956
MS		2,815,322		Higgins, I.R.	12/03/1957
MS		2,852,464		Nordell, C.H.	09/16/1958
MS		2,866,827		Jurgeleit, W. et al.	12/30/1958
MS		2,881,127		Hetzl, S.J.	04/07/1959
MS		2,951,036		Bodkin, E.A. et al.	08/30/1960
MS		2,959,542		Pye, D.J. et al.	11/08/1960
MS		2,963,431		Dom, Rolf-Karl et al.	12/06/1960
MS		2,985,589		Broughton, D.B. et al.	05/23/1961
MS		3,002,922		Baddour, R.F.	10/03/1961
MS		3,019,079		Donohue, W.J.	01/30/1962
MS		3,084,120		Cecil, L.K. et al.	04/02/1963
MS		3,152,072		Yomiyama, A. et al.	10/06/1964
MS		3,193,498		Platzer, R. et al.	07/06/1965
MS		3,200,067		Levendusky, J.A.	08/10/1965
MS		3,201,491		Stine, L.O. et al.	08/17/1965

Examiner Signature	M. Savage	Date Considered	4-9-07
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¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

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Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/774,819	
			Filing Date	02/09/2004	
			First Named Inventor	Ronald N. Drake	
			Group Art Unit	1743	
			Examiner Name	[Not Yet Assigned]	
Sheet	2	of	3	Attorney Docket Number	DRAK-001/00US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
MS		3,207,577		Mizuma, N.	09/21/1965
MS		3,215,624		Frazer, H.W. et al.	11/02/1965
MS		3,231,492		Stine, L.O. et al.	01/25/1966
MS		3,268,605		Boyd, Jr., D.M.	08/23/1966
MS		3,298,950		Mindler, A.B.	01/17/1967
MS		3,311,552		Staats, W.A.	03/28/1967
MS		3,378,339		Yamashiki, T.	04/16/1968
MS		3,403,097		Yamashiki, T.	09/24/1968
MS		3,956,115		Arion, N.M.	05/11/1976
MS		3,993,562		Kashiwabara, M.	11/23/1976
MS		4,035,292		Himsley, A.	07/12/1977
MS		4,070,281		Tagashira, Y.	01/24/1978
MS		4,085,042		Misumi, T.	04/18/1978
MS		4,087,357		Barrett, J.H.	05/02/1978
MS		4,088,563		Marquardt, K.	05/09/1978
MS		4,181,605		Braswell, J.W.	01/01/1980
MS		4,202,737		Shimizu, H.	05/13/1980
MS		4,228,001		Carlson, L.G.	10/14/1980
MS		4,229,292		Mori et al.	10/21/1980
MS		4,246,355		Bolton, B.A., et al.	01/20/1981
MS		4,279,755		Himsley, A.	07/21/1981
MS		4,412,866		Schoenrock, K.W.R.	11/01/1983
MS		4,412,923		Capitani, E., et al.	11/01/1983
MS		4,427,639		Himsley, A.	01/24/1984
MS		4,448,693		Kiehling, B., et al.	05/15/1984
MS		4,563,337		Kim, B.M.	01/07/1986
MS		4,604,209		Himsley, A.	08/05/1986
MS		4,645,595		Kim, B.M., et al.	02/24/1987
MS		4,652,352		Saieva, C.J.	03/24/1987
MS		4,661,258		Phillips, G.C.	04/28/1987
MS		4,693,818		Terrien, C., et al.	09/15/1987
MS		4,740,310		Dickey	04/26/1988
MS		4,775,484		Schmidt, R.N., et al.	10/04/1988
MS		4,808,317		Berry, W.W., et al.	02/28/1989
MS		4,842,744		Schade, H.	06/27/1989
MS		4,864,012		Britt, T.R.	09/05/1989
MS		4,906,361		Amaud, J.	03/06/1990

Examiner Signature	M. Savage	Date Considered	4-9-07
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number			
Filing Date			
First Named Inventor		Ronald N. Drake	
Art Unit			
Examiner Name			
Sheet	1	of	11
Attorney Docket Number		CBM-WTS	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MS		Perry's Chemical Engineers' Handbook, 7th ed., 1997, Chapter 16, Page 14, McGraw-Hill, United States of America.	
MS		Kirk-Othmer's Encyclopedia of Separation Technology, Vol. 2, 1997, pages 1074-1076, John Wiley & Sons, New York, U.S.A.	
MS		BILL COURTNEY, et al., Report on Coal Bed Natural Gas Produced Water Treatment Utilizing Continuous Countercurrent Ion EXchange (CCIX) Technology, 09/17/2003, 6 pages, EMIT Wa	

Examiner Signature	M. Savage	Date Considered	4-9-07
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